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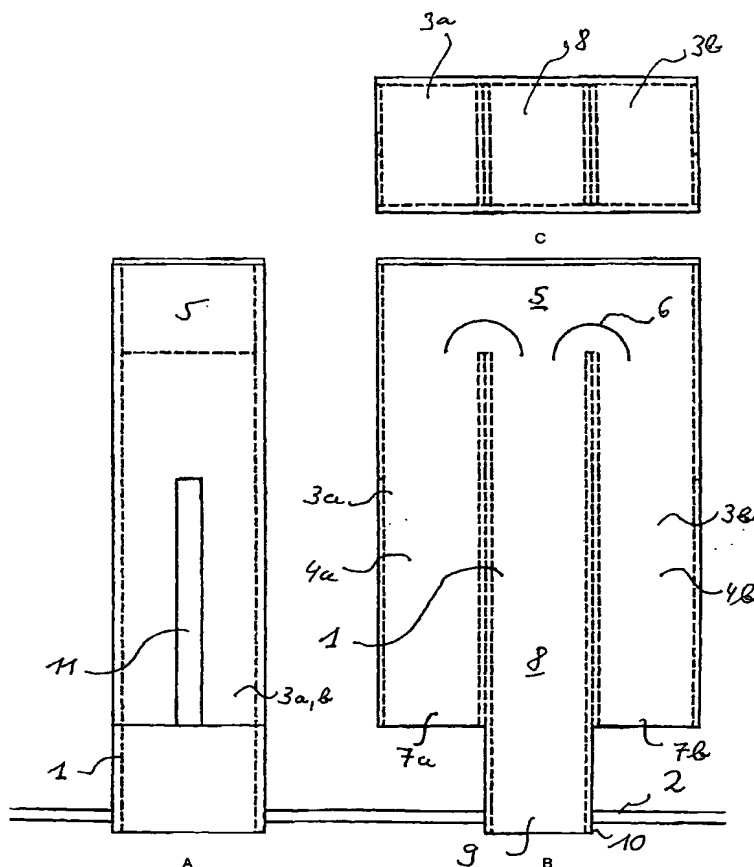
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- (72) Inventor; and
(75) Inventor/Applicant (for US only): **BREIVIK, Rasmus** [DK/DK]; Brødskovparken 33, DK-3340 Hillerød (DK).
- (74) Common Representative: **HALDOR TOPSØE A/S**; Nymøllevej 55, DK-2800 Kgs. Lyngby (DK).
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- (71) Applicant (for all designated States except US): **HALDOR TOPSØE A/S** [DK/DK]; Nymøllevej 55, DK-2800 Kgs. Lyngby (DK).
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(54) Title: VAPOUR-LIQUID DISTRIBUTION TRAY



(57) Abstract: Liquid-vapour distribution device for use in two-phase concurrent down-flow vessels, comprising: a level, horizontal tray being perforated with holes, each perforation through the horizontal tray being fitted with a vapour lift tube, the vapour lift tube consists of at least one elongated up-flow leg and one down-flow leg creating at least one up-flow zone and a down-flow zone between the up-flow zone and down-flow zone, the improvement of which comprises a bluff body being arranged within the transition zone and/or in a region of the up-flow or down-flow zone adjacent to the transition zone of the vapour lift tube.



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